User's Manual

INTRODUCTION

This Multi-Channel PCI-Express Sound Card is a versatile PCI-Express 24bit multi-channel audio controller that brings your computer at par with the fidelity of state-of-the-art home audio electronics. It provides surround sound output and crystal-clear audio quality for playback and recording. Some of the typical applications for this part are computer based high fidelity multi-channel audio, home theater and entertainment, cost effective multi-track audio, PC-based data acquisition, waveform generation.

FEATURES & SPECIFICATION

- Based on VIA VT1723 Envy24DT PCI Multi-channel audio controller
- Based on VIA VT1618 8-Channel AC'97 Codec
- Complies with AC'97 Specification, Revision 2.3
- Complies with PCI-Express Base Specification Rev. 1.1
- Sampling rate up to 24-bit and 48 KHz for both playing back and recording
- Up to 8-channel analog outputs (*)
- 2-channel analog inputs (optional)
- Mono microphone input (optional)
- SPDIF input (optional)
- SPDIF output
- Support swapping of Center and LFE audio output channel
- Integrated de-pop function for eliminating pop noise during PC power-up and shutdown
- Supported Operating systems : Windows 7 32/64-bit, Server 2008 32/64-bit, Vista 32/64-bit , Server 2003 32/64-bit, XP 32/64-bit, Windows 2000, Windows ME, Windows98SE
- Support Standard Profile or Low Profile chassis

PACKAGE CONTENTS

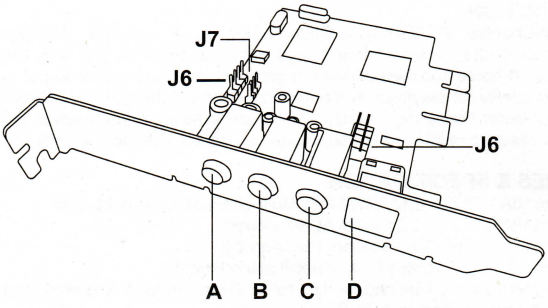
Please check whether the package contains the following items:

- Multi- Channel PCI-Express Sound Card – Main card x 1
- Multi- Channel PCI-Express Sound Card – Daughter card x 1 (optional)
- 10-pin flat cable x 1 (optional)
- User Manual x 1
- Driver / application CD x 1

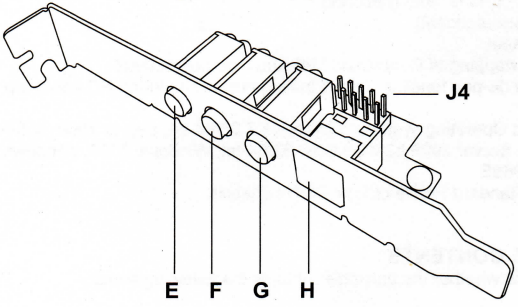
If any item is missing or damaged, please contact the retailer as soon as possible.

PRODUCT OVERVIEW

Main Card



Daughter Card (optional)



A. Front Left/Right analog output: Become stereo output when audio source is 2-channel
B. Side Surround Left/Right analog output
C. Center / Subwoofer analog output
D. S/PDIF optical output: Connect to digital amplifier or surround sound decoder
E. Rear Surround Left/Right analog output
F. Mono microphone input
G. Analog Left/Right Line in
H. S/PDIF optical input: Connect to S/PDIF optical output of another audio device
J2. 10-pin header for connecting to the daughter card (**)
J4. 10-pin header for connecting to the main card (**)
J6. Analog CD-IN Port (Signal: L-G-G-R)
J7. Analog CD-IN Port (Signal: G-R-G-L)

(**) The red color coded line on the cable should connect to pin number 1 which is represented by a triangle silkscreen next to the header

HARDWARE INSTALLATION

1. Turn off your computer and all external devices connected to it.
2. Disconnect your computer from the power sources.
3. Open the computer case. Refer to your computer user manual for more details.
4. Locate an available PCI-Express slot and remove the slot bracket. Save the bracket screw for later use.
5. Align the controller card horizontally with respect to the PCI-Express slot and insert it into the slot firmly and evenly.
6. Once you have properly positioned the card into the slot, fasten it to the computer case with the bracket screw you have saved.
7. Secure the computer case.
8. Connect your speakers, audio source, or microphone to the Multi-Channel PCI-Express Sound Card using audio cables with 3.5mm plug (not included in the package). If you use a pair of stereo speakers (2 channels) or a stereo headphone, please connect it to the "**Front-Out**" socket.
9. Switch on your computer.

APPLICATION SOFTWARE AND DRIVER INSTALLATION

Installing driver and VIA Envy24 for All Supported Windows OS

1. Insert the driver CD into the optical drive,
2. Go to the driver CD folder **D:\VIA\VT1723**, then double click "**Setup.exe**" (Assuming the optical drive is at D:)
3. The InstallShield Wizard software will guide you the steps till the installation is completed.
4. You may be required to reboot the system after the software installation.
5. The VIA Envy24 icon will show up on the Windows task bar. This means the sound card has been setup properly.
6. To access the VIA Envy24 functions. click on the icon on the Windows task bar.

VIA Envy 24 Icon

GETTING THE LATEST DRIVER, SOFTWARE & DOCUMENT

To get the latest driver, software and document, please visit the following website:

http://www.drivers-download.com

In "**Drivers Search**" section, please enter the Download code (DL code): **DL-0314101** to search for the latest driver, software and document.

(*) For some models, there will only have 5.1 channel output

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Our products including the packaging are not toys and they might contain small parts and sharp objects. Please keep away from children